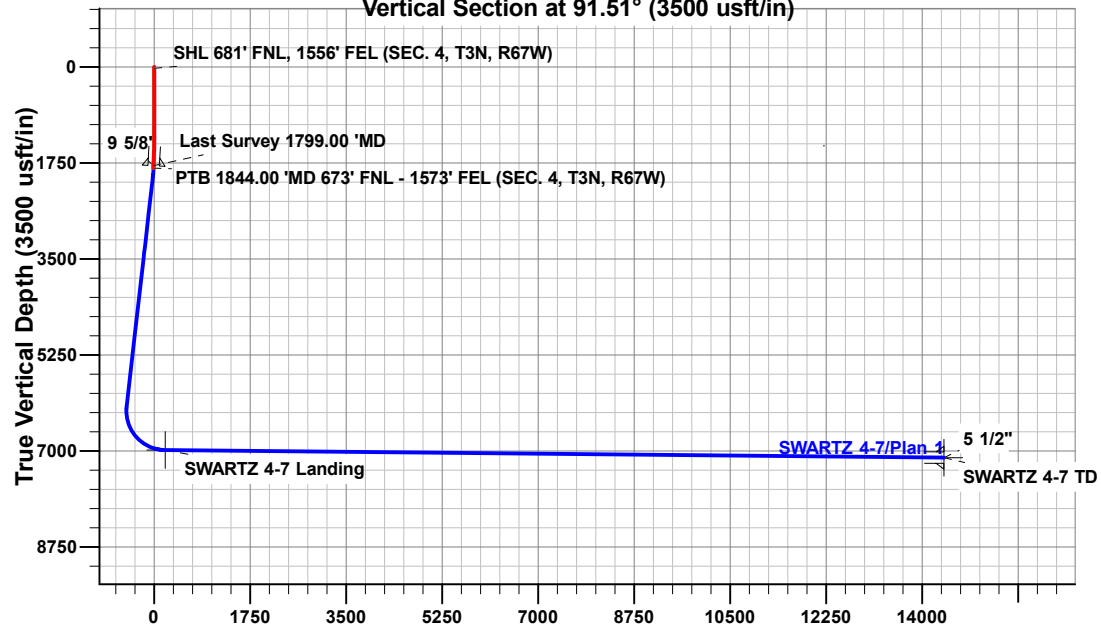


Vertical Section at 91.51° (3500 usft/in)



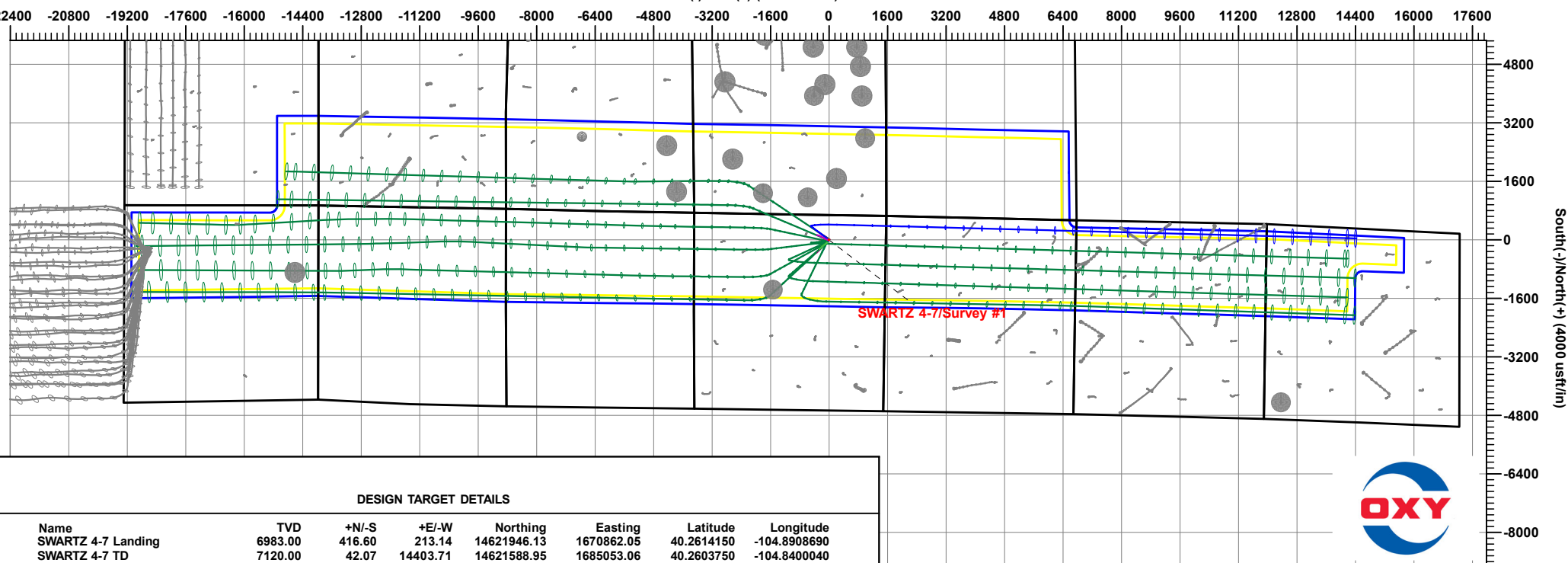
FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|----------|----------------|
| 705.00 | 705.00 | Fox Hills |
| 3596.00 | 3612.81 | Parkman |
| 4078.00 | 4099.54 | Sussex |
| 6839.00 | 6973.93 | Sharon Springs |
| 6869.00 | 7026.50 | Niobrara |
| 7021.00 | 11367.60 | Nio B |
| 7053.00 | 14683.50 | Nio C |

ANNOTATIONS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | VSect | Departure | Annotation |
|---------|------|--------|---------|-------|--------|--------|-----------|--|
| 25.00 | 0.18 | 45.06 | 25.00 | 0.03 | 0.03 | 0.03 | 0.12 | SHL 681' FNL, 1556' FEL (SEC. 4, T3N, R67W) |
| 1799.00 | 3.90 | 297.39 | 1798.52 | 6.59 | -14.33 | -14.50 | 34.63 | Last Survey 1799.00' MD |
| 1844.00 | 3.90 | 297.39 | 1843.41 | 8.00 | -17.05 | -17.25 | 37.69 | PTB 1844.00' MD 673' FNL - 1573' FEL (SEC. 4, T3N, R67W) |

West(-)/East(+) (4000 usft/in)



DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|--------------------|---------|--------|----------|-------------|------------|------------|--------------|
| SWARTZ 4-7 Landing | 6983.00 | 416.60 | 213.14 | 14621946.13 | 1670862.05 | 40.2614150 | -104.8908690 |
| SWARTZ 4-7 TD | 7120.00 | 42.07 | 14403.71 | 14621588.95 | 1685053.06 | 40.2603750 | -104.8400040 |



Occidental Petroleum

Weld County, CO (UTM-NAD83)

3N-67W-04 (Swartz Pad)

SWARTZ 4-7

OH

OH



Standard Survey Report

11 January, 2024

Total Report Version 1.60

COMPASS 5000.16 Build 97

Survey Report

| | | | |
|------------------|-----------------------------|-------------------------------------|---------------------------------|
| Company: | Occidental Petroleum | Local Co-ordinate Reference: | Well SWARTZ 4-7 |
| Project: | Weld County, CO (UTM-NAD83) | TVD Reference: | 4825' GL + 15' KB @ 4840.00usft |
| Site: | 3N-67W-04 (Swartz Pad) | MD Reference: | 4825' GL + 15' KB @ 4840.00usft |
| Well: | SWARTZ 4-7 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | EDM 5000.1 Single User Db |

| | | | |
|--------------------|--|----------------------|--------------|
| Project | Weld County, CO (UTM-NAD83) | | |
| Map System: | Universal Transverse Mercator (US Survey Feet) | System Datum: | Ground Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Zone 13N (108 W to 102 W) | | |

| | | | |
|------------------------------|--------------------------|---------------------|--------------------|
| Site | 3N-67W-04 (Swartz Pad) | | |
| Site Position: | | Northing: | 14,621,540.94 usft |
| From: | Lat/Long | Easting: | 1,670,658.88 usft |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " |
| | | Latitude: | 40.2603030 |
| | | Longitude: | -104.8915990 |

| | | | |
|-----------------------------|--------------|----------------------------|------------------|
| Well | SWARTZ 4-7 | | |
| Well Position | +N/-S | 0.00 usft | Northing: |
| | +E/-W | 0.00 usft | Easting: |
| Position Uncertainty | 3.28 usft | Wellhead Elevation: | usft |
| Grid Convergence: | 0.07 ° | Latitude: | 40.2602710 |
| | | Longitude: | -104.8916330 |
| | | Ground Level: | 4,825.00 usft |

| | | | |
|------------------|-------------------|-----------------------|--------------------|
| Wellbore | OH | | |
| Magnetics | Model Name | Sample Date | Declination |
| | HDGM2023 | 9/25/2023 | (°) |
| | | | 7.90 |
| | | Dip Angle | (°) |
| | | 66.40 | |
| | | Field Strength | (nT) |
| | | | 51,647.70000000 |

| | | | |
|--------------------------|-------------------------|------------------|----------------------|
| Design | OH | | |
| Audit Notes: | | | |
| Version: | 1.0 | Phase: | ACTUAL |
| Vertical Section: | Depth From (TVD) | +N/-S | Tie On Depth: |
| | (usft) | (usft) | |
| | 0.00 | 0.00 | 0.00 |
| | | Direction | (°) |
| | | | 91.51 |

| | | | |
|-----------------------|-------------|--------------------------|--|
| Survey Program | Date | 1/11/2024 | |
| From | To | Survey (Wellbore) | Tool Name |
| (usft) | (usft) | | Description |
| 80.00 | 1,844.00 | Survey #1 (OH) | APC_ISCWSA REV 2 MWD+ Fixed:v2:crustal field declination |

| Survey | | | | | | | | | | | | | |
|----------|------|--------|----------|-------------------|--------|-----------------|--------------|-----------------|--------------|----------|-------------|-------------|-------------|
| Measured | | | Vertical | Local Coordinates | | Map Coordinates | | Geo Coordinates | | Vertical | Dogleg | Build | Turn |
| Depth | INC | AZI | Depth | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Section | Rate | Rate | Rate |
| (usft) | (°) | (°) | (usft) | (usft) | (usft) | (usft) | (usft) | (°) | (°) | (usft) | (°/100usft) | (°/100usft) | (°/100usft) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14,621,529.28 | 1,670,649.41 | 40.2602710 | -104.8916330 | 0.00 | 0.00 | 0.00 | 0.00 |
| 80.00 | 0.57 | 45.06 | 80.00 | 0.28 | 0.28 | 14,621,529.56 | 1,670,649.70 | 40.2602718 | -104.8916320 | 0.27 | 0.71 | 0.71 | 0.00 |
| 172.00 | 0.71 | 79.71 | 171.99 | 0.71 | 1.17 | 14,621,529.98 | 1,670,650.58 | 40.2602730 | -104.8916288 | 1.15 | 0.44 | 0.15 | 37.66 |
| 264.00 | 0.58 | 74.95 | 263.99 | 0.93 | 2.18 | 14,621,530.21 | 1,670,651.59 | 40.2602736 | -104.8916252 | 2.15 | 0.15 | -0.14 | -5.17 |
| 354.00 | 0.34 | 225.46 | 353.99 | 0.86 | 2.43 | 14,621,530.14 | 1,670,651.84 | 40.2602734 | -104.8916243 | 2.40 | 0.99 | -0.27 | 167.23 |
| 444.00 | 1.12 | 273.91 | 443.98 | 0.73 | 1.36 | 14,621,530.01 | 1,670,650.77 | 40.2602730 | -104.8916281 | 1.34 | 1.03 | 0.87 | 53.83 |

Survey Report

| | | | |
|------------------|-----------------------------|-------------------------------------|---------------------------------|
| Company: | Occidental Petroleum | Local Co-ordinate Reference: | Well SWARTZ 4-7 |
| Project: | Weld County, CO (UTM-NAD83) | TVD Reference: | 4825' GL + 15' KB @ 4840.00usft |
| Site: | 3N-67W-04 (Swartz Pad) | MD Reference: | 4825' GL + 15' KB @ 4840.00usft |
| Well: | SWARTZ 4-7 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | EDM 5000.1 Single User Db |

Survey

| Measured Depth (usft) | INC (°) | AZI (°) | Vertical Depth (usft) | Local Coordinates +N/-S (usft) | +E/-W (usft) | Map Coordinates Northing (usft) | Easting (usft) | Geo Coordinates Latitude (°) | Longituge (°) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---|------------|------------|--------------------------|--------------------------------------|-----------------|---------------------------------------|-------------------|------------------------------------|------------------|----------------------------|----------------------------|---------------------------|--------------------------|
| 533.00 | 0.82 | 293.21 | 532.97 | 1.04 | -0.09 | 14,621,530.32 | 1,670,649.32 | 40.2602739 | -104.8916333 | -0.12 | 0.49 | -0.34 | 21.69 |
| 623.00 | 0.96 | 70.74 | 622.96 | 1.55 | 0.03 | 14,621,530.82 | 1,670,649.44 | 40.2602753 | -104.8916329 | -0.02 | 1.84 | 0.16 | 152.81 |
| 705.05 | 0.77 | 106.28 | 705.00 | 1.62 | 1.20 | 14,621,530.90 | 1,670,650.62 | 40.2602755 | -104.8916287 | 1.16 | 0.68 | -0.23 | 43.32 |
| Fox Hills | | | | | | | | | | | | | |
| 712.00 | 0.77 | 109.80 | 711.95 | 1.59 | 1.29 | 14,621,530.87 | 1,670,650.70 | 40.2602754 | -104.8916283 | 1.25 | 0.68 | 0.01 | 50.64 |
| 802.00 | 1.85 | 208.50 | 801.93 | 0.11 | 1.17 | 14,621,529.38 | 1,670,650.58 | 40.2602713 | -104.8916288 | 1.16 | 2.34 | 1.20 | 109.67 |
| 891.00 | 0.89 | 260.28 | 890.91 | -1.27 | -0.20 | 14,621,528.00 | 1,670,649.22 | 40.2602675 | -104.8916337 | -0.17 | 1.66 | -1.08 | 58.18 |
| 981.00 | 0.68 | 263.19 | 980.90 | -1.45 | -1.42 | 14,621,527.82 | 1,670,648.00 | 40.2602670 | -104.8916381 | -1.38 | 0.24 | -0.23 | 3.23 |
| 1,070.00 | 0.82 | 9.04 | 1,069.90 | -0.89 | -1.84 | 14,621,528.39 | 1,670,647.57 | 40.2602686 | -104.8916396 | -1.82 | 1.35 | 0.16 | 118.93 |
| 1,159.00 | 1.64 | 21.94 | 1,158.88 | 0.92 | -1.27 | 14,621,530.20 | 1,670,648.15 | 40.2602736 | -104.8916375 | -1.29 | 0.97 | 0.92 | 14.49 |
| 1,249.00 | 0.41 | 1.58 | 1,248.86 | 2.44 | -0.78 | 14,621,531.71 | 1,670,648.63 | 40.2602777 | -104.8916358 | -0.84 | 1.40 | -1.37 | -22.62 |
| 1,338.00 | 0.50 | 330.68 | 1,337.86 | 3.10 | -0.96 | 14,621,532.37 | 1,670,648.45 | 40.2602795 | -104.8916364 | -1.04 | 0.29 | 0.10 | -34.72 |
| 1,428.00 | 0.65 | 216.67 | 1,427.86 | 3.03 | -1.46 | 14,621,532.30 | 1,670,647.96 | 40.2602793 | -104.8916382 | -1.53 | 1.08 | 0.17 | -126.68 |
| 1,518.00 | 0.86 | 233.31 | 1,517.85 | 2.22 | -2.30 | 14,621,531.49 | 1,670,647.11 | 40.2602771 | -104.8916412 | -2.36 | 0.34 | 0.23 | 18.49 |
| 1,607.00 | 2.49 | 285.66 | 1,606.81 | 2.34 | -4.70 | 14,621,531.61 | 1,670,644.71 | 40.2602775 | -104.8916498 | -4.76 | 2.34 | 1.83 | 58.82 |
| 1,697.00 | 3.19 | 294.39 | 1,696.70 | 3.90 | -8.86 | 14,621,533.17 | 1,670,640.55 | 40.2602817 | -104.8916647 | -8.96 | 0.91 | 0.78 | 9.70 |
| 1,786.00 | 3.57 | 297.43 | 1,785.55 | 6.20 | -13.58 | 14,621,535.46 | 1,670,635.83 | 40.2602881 | -104.8916816 | -13.74 | 0.47 | 0.43 | 3.42 |
| 1,799.00 | 3.90 | 297.39 | 1,798.52 | 6.59 | -14.33 | 14,621,535.85 | 1,670,635.08 | 40.2602891 | -104.8916843 | -14.50 | 2.54 | 2.54 | -0.31 |
| Last Survey 1799.00 'MD | | | | | | | | | | | | | |
| 1,844.00 | 3.90 | 297.39 | 1,843.41 | 8.00 | -17.05 | 14,621,537.25 | 1,670,632.36 | 40.2602930 | -104.8916941 | -17.25 | 0.00 | 0.00 | 0.00 |
| PTB 1844.00 'MD 673' FNL - 1573' FEL (SEC. 4, T3N, R67W) | | | | | | | | | | | | | |

Formations

| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|--------------------------|--------------------------|-----------|-----------|------------|----------------------|
| 705.05 | 705.00 | Fox Hills | | | |

Design Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates +N/-S (usft) | +E/-W (usft) | Comment |
|--------------------------|--------------------------|--------------------------------------|-----------------|--|
| 1,799.00 | 1,798.52 | 6.59 | -14.33 | Last Survey 1799.00 'MD |
| 1,844.00 | 1,843.41 | 8.00 | -17.05 | PTB 1844.00 'MD 673' FNL - 1573' FEL (SEC. 4, T3N, R67W) |

Checked By: _____ Approved By: _____ Date: _____